

New England Agricultural Statistics Service

a field office of the National Agricultural Statistics Service United States Department of Agriculture

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Crop Weather

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September 4, 2001 - 4 pm

For week ending 9/2/01

Crops Continue to Suffer from Dry Conditions

For the week ending September 2, 2001, there were 6.3 days available for fieldwork across New England. Pasture condition was rated as 21% very poor, 35% poor, 35% fair, 7% good, 2% excellent. Major farm activities included: irrigating; spreading manure; cutting hay and chopping haylage; seeding hayfields and pasture; harvesting oats, barley, silage corn, potatoes, tobacco, apples, peaches, pears, raspberries, highbush blueberries, sweet corn and other vegetables; completing harvest of wild blueberries; and spraying for weeds, disease and insects.

SOIL MOISTURE ACROSS NEW ENGLAND

		Percent	
Soil Rating	This Week	Last Week	Last Year
Topsoil Moisture			
Very Short	27	29	7
Short	42	49	12
Adequate	31	22	69
Surplus	0	0	12
Subsoil Moisture			
Very Short	28	32	0
Short	42	38	15
Adequate	30	26	78
Surplus	0	0	7

VEGETABLES: Vegetable crops were harvested last week and irrigation continued for those not yet picked. Many growers have reported good vegetable crop yields despite this growing season's dry conditions. Scouting continued to take place for weeds, insects and disease, and applications were made where necessary. Only a quarter of this year's sweet corn crop remains to be harvested, which is consistent with the five year average.

FRUIT: The harvest of apples, peaches, pears and raspberries proceeded last week. Specialists continue to receive reports of below average sized orchard fruits. Highbush blueberry harvest progressed and Maine farmers finished harvesting lowbush blueberries. Some cranberries are being harvested before they turn red for the production of a new white cranberry juice that will be coming to market. Regular cranberry harvest will begin shortly in Massachusetts.

FRUIT CROP DEVELOPMENT ACROSS NEW ENGLAND

	Pe				
Crop	2001	2001 2000 5-yr Avg			
Apples	15	15	15	Good/Fair	
Peaches	70	75	75	Good/Fair	
Pears	35	20	15	V.Poor/Poor	
Cranberries, MA	<5			Good/Fair	
Blueberries					
Highbush	95	95	95	Good/Fair	
Wild, ME	100	90	95	Good/Fair	

FIELD CROPS: Last week's scattered shower activity was welcomed across New England, but still not enough precipitation was received to place most areas within normal moisture levels. Irrigation continued and water supply problems have been reported. Many crops are past the point of recovery from drought conditions and as a result, yields are expected to be low. Cool, dry weather provided excellent conditions for potato harvest last week. Field corn continued to dry up and farmers are concerned the thirsty crop will get nitrate poisoning if rain arrives. Hay yields are below normal. Maine oat and barley harvest is well ahead of last year. Tobacco harvest was finished in Massachusetts and is nearing completion in Connecticut.

FIELD CROP DEVELOPMENT ACROSS NEW ENGLAND

	Pe			
Crop	2001	2000	5-yr Avg	Condition
Potatoes Maine Mass Rhode Isl	5 35 60	10 45 40	5 45 30	Good/Fair Good/Fair Good
Oats, ME Barley, ME Silage Corn Sweet Corn	50 75 10 75	15 20 70	35 45 5 75	Good/Excel Good Good/Fair Good/Fair
Tobacco Shade Broadleaf	90 90	99 90	95 90	Good/Fair Good/Fair
Dry Hay Second Cut Third Cut	90 45	80 40	80 35	Fair Fair/Poor

For the Week Ending Sunday, September 2, 2001

The 41 stations shown below are limited by space but are well distributed across the region. All 86 stations appear on the Internet and in e-mail subscriptions.

	TF	AI	R RATUR	F		JM SIN				EK PRE			CUM PR	
STATI ON	L0	HI	AVG	- DFN	BASI TOT	E-50F DFN	BASE TOT	E-60F DFN	TOTAL I NCHES	DFN	DAYS	TOTAL I NCHES	DFN	DAYS
Augusta_ME Bangor Bethel Cari bou Dover-Foxcroft Frenchville Houl ton Li vermore_Falls Moosehead Portland_ME	47 42 43 40 38 42 35 36 37 44	84 82 86 79 78 80 79 86 83 83	67 66 63 61 62 60 62 64 60	+3 +3 +0 +3 +1 +3 +3 +4 +1 +3	1980 1752 1643 1615 1491 1608 1869 1409	+288 +354 +139 +328 +200 +269 +234 +477 +231 +282	859 672 594 569 500 590 802 450	+248 +276 +110 +225 +134 +185 +178 +388 +149 +236	0. 71 1. 49 1. 08 1. 45 0. 40 2. 11 2. 11 1. 06 2. 34 0. 65	+0.00 +0.72 +0.20 +0.56 -0.49 +1.20 +1.20 +0.15 +1.50 -0.05	3 4 3 5 4 5 5 3 5 2	0. 85 2. 46 2. 05 1. 93 1. 07 2. 80 3. 15 1. 90 3. 74 1. 27	-2. 15 -0. 61 -1. 56 -1. 69 -2. 32 -0. 92 -0. 54 -1. 83 +0. 38 -1. 35	6 10 11 13 11 14 10 9 12 8
NEW HAMPSHIRE Benton Berlin_AG Concord Diamond_Pond Keene_AP North_Conway Rochester	40 41 39 37 45 40 42	83 85 87 76 88 85 86	62 62 68 57 69 64 66	+2 +1 +5 -1 +4 +2 +1	1717 2074 1201 2086 2054	+198 +219 +282 +189 +89 +382 +153	646 946 330 937 921	+172 +168 +251 +131 +91 +317 +160	1. 46 0. 68 0. 46 3. 21 0. 71 0. 88 1. 30	+0. 59 -0. 23 -0. 24 +2. 12 -0. 09 +0. 01 +0. 53	4 2 1 5 1 3 2	1. 74 1. 37 0. 99 4. 96 2. 80 1. 27 2. 10	-1. 86 -2. 49 -1. 98 +0. 36 -0. 67 -2. 33 -1. 10	8 6 7 15 4 6
VERMONT Burlington_VT Island_Pond Montpelier Pownal Rochester Rutland_AG Sutton Townshend_Lake	44 38 40 42 42 42 39 42	86 80 82 81 84 83 83	67 60 63 65 64 64 61 66	+3 +1 +3 +3 +2 -3 +2	1538 1727 1794 1689 1818	+334 +308 +216 +224 +204 -159 +337 +14	534 679 683 626 705	+273 +224 +196 +166 +157 -118 +240 +33	2. 04 2. 80 1. 22 1. 09 1. 13 0. 76 1. 75 1. 26	+1. 15 +1. 81 +0. 41 +0. 13 +0. 13 -0. 15 +0. 78 +0. 40	4 4 5 3 4 3 4 3	3. 69 4. 21 1. 78 3. 31 1. 75 1. 84 3. 99 1. 94	+0. 04 -0. 10 -1. 68 -0. 59 -2. 40 -1. 96 -0. 25 -1. 65	12 13 10 10 10 7 11 8
MASSACHUSETTS Ashburnham Boston Greenfi el d New_Bedford Oti s_AFB Pl ymouth Wal pol e Westover Worthi ngton	44 54 48 48 52 47 46 43 38	81 84 89 83 81 83 83 82 84	68 73 71 72 72 71 70 71 65	+5 +4 +5 +2 +5 +5 +5 +2 +2	2480 2190 2253 2213 2150 2344 2414	-36 +349 +225 +389	1268 1036 1059 1057 985 1139 1189	+88 -29 +284 +167	0. 56 0. 12 0. 65 0. 02 0. 08 0. 15 0. 66 0. 19 0. 43	-0. 17 -0. 64 -0. 14 -0. 91 -0. 70 -0. 83 -0. 25 -0. 65 -0. 48	2 2 2 1 1 2 1 3	1. 63 2. 55 0. 85 2. 83 3. 73 3. 21 2. 73 2. 68 1. 24	-1. 48 -0. 41 -2. 46 -1. 00 +0. 63 -0. 48 -0. 86 -0. 54 -2. 48	9 9 5 11 9 12 8 13 4
RHODE ISLAND Providence Woonsocket	52 47	84 89	72 72	+4 +7		+324 +544			0. 20 0. 30	-0. 64 -0. 61	2 1	3. 95 4. 82	+0. 63 +1. 18	9 8
CONNECTICUT Bridgeport Hartford_AP Norfolk Thomaston_Dam Willimantic	55 48 45 45 47	84 87 82 86 84	74 72 68 69 72	+4 +5 +5 +4 +7	2504 1974 2171	+262 +159 +376 +269 +523	1268 846 989	+146 +308 +230	1. 33 1. 29 0. 34 0. 56 1. 99	+0. 63 +0. 39 -0. 71 -0. 42 +1. 08	3 2 2 3 2	6. 03 3. 42 3. 26 4. 20 4. 28	+3. 14 +0. 06 -0. 89 +0. 32 +0. 71	11 9 10 10

Summary based on NWS data.

DFN = Departure From Normal (Using 1961-90 Normals Period).

Precipitation (rain or melted snow/ice) in inches.

Precipitation Days = Days with precip of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.

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STATE WEATHER SUMMARY

For the Week Ending Sunday, September 2, 2001

	Α	ir Tem	Precipitation			
State	LO	HI	AVG	DFN	LO	HI
ME	32	86	63	+1	0.00	2.75
NH	27	90	64	+2	0.46	3.21
VT	35	88	63	+1	0.29	4.08
MA	37	89	70	+4	0.00	1.76
RI	47	89	72	+5	0.00	0.30
CT	43	87	71	+4	0.19	1.99

Prepared by AWIS, Inc.

REPORTERS COMMENTS, By County: Reporters are from Extension Service (Ext), Farm Service Agency (FSA), Natural Resources Conservation Services (NRCS), or other knowledgeable individuals.

CONNECTICUT - Howard Rood (FSA), Fairfield/Litchfield: Fields are very dry. Ears on field corn are not fully filled out because of the lack of rain. Dawn Pindell (FSA), Windham: Third cutting and manure spreading. Thunderstorms and wind moving in to stir up the hot, dry air. Fruit harvest happening; lack of any fruit on one farm due to a spring freeze has family in turmoil. Maintenance going on in perennial gardens. Woodstock Fair (largest CT Fair)! Joyce Meader (Ext), Windham: Beautiful weather for fairs or haying. The holiday haying is on schedule: Memorial Day, 4th of July, and the third cut on Labor Day.

MAINE - Marvin Hedstrom, Northern Aroostook: Harvesting grain. A few potatoes being harvested, mostly for processors. Grain fields being tilled after harvesting. Growers desiccating potato fields. No diseases being reported. Very little insect pressure. One day's rain during the past week was appreciated, but more is needed. Soil is so dry it is making harvesting potatoes difficult. Erin Chadbourne (Ext), Central Aroostook: Still spraying fungicides on late maturing potato varieties. Harvest of early varieties has begun and vine killing is taking place. Broccoli, barley and oats still being harvested. Everything looks pretty good. Steve London (Ext), Southern Aroostook: Very good growing weather. Temperatures cooling down - good for potatoes. Received some rain last week. Donna Lamb (Ext), Piscataquis: Recent rain has given some relief to crops. Janet King/Jennifer Zweig (FSA), Somerset: Need rain. Rick Kersbergen (Ext), Waldo: One good rain, but too much too quickly and probably too late for most crops. Corn silage harvest begins in earnest, with some drought stricken corn being harvested first. Feed will be short this year. Trudy Soucy (FSA), Knox/Lincoln: Fieldwork beginning on blueberry fields, now that the harvest is complete. A few showers, but crops still need rain. Michael Tardy (FSA), Androscoggin: Dry, dry, dry, dry. Everyone is concerned about crops and water. Many of the silage farmers are starting to chop their corn. Some of it is dried up with few ears. I have heard of some farmers with no ears on any of their corn, just dry stocks. The hay crop has suffered and some producers have very little in the barn or in the silo. Another concern for corn folks is nitrate poisoning. If we get substantial rain, the ears may suck up all the nitrates. That isn't good to feed to the cows. Will it end? Parker Rand (FSA), Cumberland/York: Still very dry - in fact, the weather service says the below normal period goes back to 1998. Maine has reconvened its drought task force and no significant rain is in sight. Gary Raymond (FSA), Franklin: The corn crop probably looks better here than anywhere else in the state. Oats are being harvested. Corn chopping is about to begin. Laura Rand (FSA), Oxford: Although we had some rain during one night, soil conditions remain very dry. Oxford County's river valleys appear to have received enough moisture during the growing season to be doing well. However, the remainder of the county has received very little moisture.

MASSACHUSETTS - Arthur Williams (FSA), Berkshire: Still haying! Some chopping of corn silage to feed young stock on poorer pasture. Sweet corn worms not much of a problem yet. Two inches of rain on Friday and Saturday came quick and most ran off. Ground still needs more rain. Paul Russell (FSA), Southeast Massachusetts: Early cranberries are starting to blush. Some Ocean Spray growers will start harvesting white cranberries this week for use in the new white cranberry juice and all growers are preparing for the normal harvest, which starts in approximately 10 days. The cranberry crop looks good in Plymouth County, but the growers on Cape Cod are bracing for a poor crop. Vegetable growers continue to harvest record crops with strong demand. Shellfish growers are receiving record prices, but harvest is slowed because shellfish are not sizing up. Kip Graham (FSA), Worcester: Mowing and chopping second cut hay. Raspberries and blueberries about finished. Field corn is looking quite good just now, ear size a bit smaller than usual. Farm stands are busy picking and selling their crops. Soils are drier in the northern part of the county. Seems to be getting more rain in the southern parts. Frank Caruso (Ext), Plymouth: Cranberries: The first white cranberries were

harvested last week for use in the soon-to-be-available white cranberry juice. Apart from that, a pretty uneventful week. Cool weather over the weekend should help to produce anthocyanin in the berries. Berries continue to size well. David Rose (FSA), Bristol: Everyone continues to harvest crops. Fall squash harvest has begun. Farmers harrowing fields and planting cover crops. Second and third cut hay being made. Corn harvest/chopping will begin in about a week. Apples, peaches, pears are all being harvested. Deer damage showing up in squash and pumpkin fields. John Devine (FSA), Franklin: Many of the late season crops have reached the point of no return as far as yield is concerned. Measurable rainfall has been nonexistent since the beginning of July. Much of the late season broadleaf tobacco seems to be susceptible to blue mold infection in spite of spraying. Silage corn is showing signs of drought stress on all acreage. Chopping is expected to begin next week. Farmers have reported that yields for the fall hay crop are far below normal. Ted Smiarowski, Jr. (FSA), Hampshire/Hampden: It's dry. Rain is greatly needed. All crops are feeling the drought stress. Many growers are still irrigating their vegetable crops. Harvesting apples, onions, winter squash, banana peppers, pumpkins and Indian corn. Tobacco harvest is complete. Gary Guida, Worcester: A picture perfect Labor Day weekend, with consumers coming out in droves for corn, mums, tomatoes etc. Still the best sales weekend of the year. Drought tolerant corn "came in just in time" to meet the demand; however, other corn here is not so good as no appreciable rain has fallen in a long time. Perhaps today, but too late I fear. Making ready field harvest equipment for pumpkins, winter squash, etc. With lack of water, the season here (with exception to corn) is winding down. Pumpkin shape and color look excellent, but weight and yield are off same with winter squash.

NEW HAMPSHIRE - Bruce Clement (Ext), Cheshire: Extremely dry conditions throughout county. The driest I've seen it in 30 years. Silage corn drying is done. Should be a decent crop; however, yields will be down due to drought. Alfalfa still doing OK. Grass and clover are all dried up. Apple and peach harvest continues, blueberries about done. Full array of vegetables on the market, most grown under irrigation. Trees, shrubs and lawns all showing drought stress. What can I say? We need rain! Steve Turaj (Ext), Coos: A little more welcome rain this week, can use more still. Hayland and pastures greening up some in response to cooler, wetter weather over the past couple of weeks. Corn well into milk stage, actually looks to be in pretty good condition except in areas of lighter soils. Lots of local sweet corn, along with many other summer vegetables at stands and markets. Had a report from a farmer in the cooler, northernmost part of the county of some next generation armyworms feeding in a hayfield. Tom Buob (Ext), Grafton: Rain late in the week will probably help grass and alfalfa regrowth, but may be too late to do much good for the corn. Harvest has begun on corn silage. Some corn may be helped by the limited rainfall. George Hamilton (Ext), Hillsborough: Drought conditions throughout the county with localized thundershowers Friday night and cooler temperatures giving some relief. Fruit: Peach, plum and Fall raspberry harvest continued. Finishing Paula Red apple harvest. Apple growers continue to move bins into orchards, getting ready for McIntosh apple harvest. Vegetables: Harvesting wide array of vegetables. Farmers kept busy irrigating, monitoring pest pressures, and spraying pesticides for insects and diseases. Field Crops: Hay cutting continued. Farmers making new forage seedings. Farmers gearing up for corn silage harvest and some has started. Nada Haddad (Ext), Rockingham: Very, very dry conditions. Showers on Friday evening were of some help in some areas. A good soaking rain is needed. Harvesting sweet corn, a whole array of vegetables, apples, peaches and Fall raspberries. Haying continues. Seeding hayfields and pasture. Monitoring pests, irrigating and harvesting crops. Size of vegetables and fruits are smaller in non-irrigated fields. Great weather during Labor Day weekend for pick-your-own apples and Fall raspberries. Pam Marvin (FSA), Sullivan: Rain Friday night was more than welcomed. Could use more. Some silage corn turning brown from lack of water. Apple picking underway, with the first signs showing a good crop. Need to assess those hit by hail earlier in the season. Sweet corn still being harvested. Pumpkins taking longer to mature due to the lack of rain. Many second and third crop hayfields being harvested.

RHODE ISLAND - Karen Menezes (Ext), Newport: Harvesting potatoes, crop looks good. Summer vegetables doing great, sweet corn still plentiful. Some third cut hay. Farm stands are full of mums and kale. Farmers still irrigating - we could use some rain, but I'm sure the potato harvesters don't want to hear that. Marilu Soileau (FSA), All Counties: Sunny days had producers working in the fields all week. Pick-your-own pumpkins began this weekend. Corn mazes saw their first activity as well. Apples are reported to be generally smaller than expected due to lack of rain during important stages of development. Peppers are plentiful, as well as most other vegetable crops. The lateness of harvest is hurting producers in the wallet. Roadside stand activity was reported to be light over the holiday weekend. It appeared that most "Sunday drivers" left the state for a final summer vacation. Hopefully, they frequented farmstands in our neighboring states!

VERMONT - John St. Onge (FSA), Lamoille: Somewhat cooler, wetter weather has convinced grass to start growing again. Picked up one inch of rain in one event, the most since May. Saw one field of corn silage that had been harvested. Bill Snow (Ext), Orange: Good shower on Friday evening left variable amounts of rainfall, but gravel roads were dusty by Monday. Reports of light frost over the weekend. Some farms started chopping corn last week. Major change in the weather from hot to almost cold. Still need a lot more rain to rebuild ground reserves of water before the ground freezes. Dave Blodgett (NRCS), Orleans: Rain on Friday has helped ease dry conditions. Several farmers are out of water. Most of them are drilling new wells.

Corn harvest has started. Corn looks good. Ear development is also good. Third cut hay harvest in progress. Yields are low due to dry conditions. Lynette Hamilton (FSA), Windham: We got about 1.50 inches of rain over the weekend that was just a tease. Alfalfa crops are showing the dry condition now. Summer veggie crops are just about through, and farmers are looking for water for their fall crops. Jeff Carter (Ext), Addison: Started corn silage harvest. Fields with stalks dry from drought and lower fields are mostly not mature yet - still in milk stage. Third cut haylage is mostly cleanup of alfalfa patches. Fourth cut on better managed fields and second growth on newly seeded hayfields looks very good. No frost yet. Pasture grasses show yellow from rust, very slow regrowth. Richard Noel (FSA), Grand Isle/Franklin: Well, we got some rain - over 3 inches in Franklin county. Good, but not enough to replenish the ground water need. But all rain is greatly appreciated. Hopefully not too much, farmers don't like chopping corn and trying to spread manure in the mud. Time will tell. Corn that's being chopped has shortages of ears, from what I'm hearing. Third cut is short. Good quality on alfalfa, but grass is sparse. Vegetable season winding down, time to harvest. Looks like this week will be cloudy with showers. We'll see! Dennis Kauppila (Ext), Caledonia: Received an inch of welcome rain last week. Prediction is for more today. Some have started chopping corn for silage. Starting to feel like Fall. Grass beginning to grow. Sherwin Williams, Rutland: All early crops, early corn, peas, etc., have been mulched and winter rye has been seeded to a third of our gardens. Picking a nice crop of mid-season sweet corn. Still picking squash, cucumbers and a lot of beans. Big flocks of geese are coming to the mulched fields of early corn for the scattered corn; they do not bother the seeded rye. A great sight - great to watch. A short 0.25 inches of rain last week. A really dry summer. But over all most crops have done well. So perhaps the old saying, "A dry year will scare you, but a wet year will starve you," might still apply.

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